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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/277,417	03/26/1999	YUSUKE HISADA	13700-0190	3531
23370	7590	10/18/2005	EXAMINER	
JOHN S. PRATT, ESQ KILPATRICK STOCKTON, LLP 1100 PEACHTREE STREET ATLANTA, GA 30309			JACKSON, JENISE E	
			ART UNIT	PAPER NUMBER
			2131	

DATE MAILED: 10/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/277,417	Applicant(s) HISADA ET AL.	
	Examiner Jenise E. Jackson	Art Unit 2131	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 8/8/2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 2-39,42-69,71-78,82-90 and 97-107 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 4,32,42,71,82 and 97 is/are rejected.
- 7) ☒ Claim(s) 5-30,33-39,43-69,72-78,83-90 and 98-107 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 4, 32, 42, 71, 82, 97 are rejected under 35 U.S.C. 102(b) as being anticipated by Aziz et al. as understood by the Examiner with the aide of Merriam-Webster's Dictionary.

3. As per claim 4, 82, 97, the Examiner asserts that since the Applicant does not provide a definition of personalized access ticket, the Examiner broadly defines a personalized access ticket, as per Merriam-Webster's Collegiate Dictionary, to be a means of access(pg. 1232). Therefore, Aziz et al. discloses a personalized access ticket, because the packet of Aziz et al. provides a means of accessing a computer or hosts (see col. 3, lines 65-67, col. 4, lines 1-4); receiving a personalized access ticket containing a sender's identification (see col. 2, lines 27-35), and a recipient's identification (see col. 2, lines 35-37), in correspondence, which is presented by a sender who wishes to send an email to a recipient so as to specify the recipient as an intended destination of the email(see col. 2, lines 27-35, col. 5, lines 48-55), at a secure communication service(i.e. tunneling bridge)(see col. 2, lines 9-18) for connecting communications between the sender and the receiver(see col. 2, lines 9-18, col. 6, lines 33-40), and controlling access between the sender and the recipient by verifying an access right of the sender with respect to the recipient according to the personalized access ticket at the secure communication service(see col. 7, lines 55-65, col. 8, lines 4-13), checking whether the sender's

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identification presented by the sender contained in the personalized access ticket presented by the sender, and refusing a delivery of the email when the sender's identification presented by the sender is not contained in the personalized access ticket presented by the sender(see col. 2, lines 10-18, col. 3, lines 65-67, col. 4, lines 1-20, col. 5, lines 48-61).

4. As per claim 32, Aziz et al. discloses defining an official identification of each user by which each user is uniquely identifiable by a certification authority (see col. 2, lines 9-35, col. 5, lines 16-61, col. 15, lines 27-39), and anonymous identification of each user containing at least one fragment of the official identification; and identifying each user by the anonymous identification of each user in communications for emails on a communication network(see col. 3, lines 65-67, col. 4, lines 1-4, col. 15, lines 27-39).

5. As per claim 42, Aziz et al. discloses a communication network to which a plurality of user terminals are connected; a secure communication service device for connecting communications between a sender and receiver on the communication network(see col. 3, lines 65-67, col. 4, lines 1-4), by receiving a personalized access ticket containing a sender's identification and a recipient's identification in correspondence, which is presented by a sender who wishes to send an email to a recipient so as to specify the recipient as an intended destination of the email(see col. 2, lines 27-35, col. 5, lines 48-55), authenticating and controlling accesses between the sender and the recipient by verifying an access right of the sender with respect to the recipient according to the personalized access ticket(see col. 7, lines 55-65, col. 8, lines 4-13); and a secure processing device for issuing the personalized access ticket which is signed by a secret key of the secure processing device(see col. 5, lines 48-61, col. 6, lines 12-32); wherein the secure communication service device authenticates the personalized access ticket by

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verifying a signature of the secure processing device in the personalized access ticket using a public key of the secure processing device(see col. 9, lines 59-67, col. 10, lines 1-16).

6. As per claim 71, Aziz et al. discloses a certification authority device for defining an official identification of each user by which each user is uniquely identifiable b the certification authority device, and an anonymous identification of each user which contains at least one fragment of the official identification (see col. 2, lines 9-35, col. 5, lines 16-61, col. 15, lines 27-39), wherein the anonymous identification of each user contains the at least one fragment of the official identification of each user which is signed by the certification authority device using a secret key of the certification authority device(see col. 2, lines 9-35, col. 15, lines 27-29); and an access control device for controlling email accesses to a communication network on which each user is identified by the anonymous identification of each user in communications for email on the communication network(see col. 5, lines 16-61, col. 15, lines 27-39).

7. As per claims 5-30, 33-39, 43-69, 72-78, 83-90, 98-107 are objected to as being rejected on base claims. The reasons why these claims are objected is for a validity period for a personalized access ticket and determining the validity, and the official identification which has a public key which is signed by a secret key of a ca. The prior art does not disclose or suggest these limitations. An example of such is non-patent literature, Applied Cryptography book, which discloses a Kerberos system. A client can request a ticket from a ticket granting service, this request includes the client's network address. The client wants to access the server. However, once the ticket is given from the ticket granting service the client can directly access the server. The claims calls for a secure communication service for receiving the ticket and

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verifying the validity of the ticket. Furthermore, the server's address is not included in the ticket.

Lastly, there is not discussion of suggestion of using this system in an e-mail system.

8. Another reason why the claims are allowable is that, in prior art of security and network, such as anonymous communication and pseudonyms, two parties can use pseudonyms to conceal their identity; however, there is no disclosure or suggestion of using a token that has the two parties identifying information in it. Further, prior art is also limited because priority goes back to March 98.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jenise E. Jackson whose telephone number is (571) 272-3791.

The examiner can normally be reached on M-Th (6:00 a.m. - 3:30 p.m.) alternate Friday's.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (571) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



October 14, 2005



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